

KONO

stertil®



**ST4100-ST4175-
ST4250: 4-post
vehicle lifts from
10 to 25 tonnes**

S U P E R I O R
F L E X I B L E
A C C E S S I B L E



There are two cast iron rules in the garage: time is money and you keep your promises. This is why Stertil-Koni lifting systems and accessories are being chosen to an increasing extent. Because with them you can always keep your promises. The equipment is user-friendly and consistently reliable. Parts are in stock and will be available for at least 25 years after production.

STERTIL-KONI: ACTIVE WORLDWIDE

Stertil-Koni products are innovative and are characterised by an exceptionally good price/quality ratio. This is due to an efficient production process that makes custom-made products from standard components. The use of welding robots, CAD systems and other advanced techniques reduces the costs of production, whilst at the same time improving the overall quality. The Stertil-Koni products are the leaders in their field. Stertil-Koni is the first lifting system manufacturer to gain the ISO 9001 certificate.

It is not surprising that the Stertil-Koni products are exported to an increasing number of countries. Stertil-Koni has now set up its own sales organisations in The Netherlands, France, Germany, Great Britain and the United States. Such innovative Stertil-Koni products as the mobile column lifts and the new powerful ST4100, ST4175, and ST4250 4-post lifts clear the way for flexible and efficient operation of your business.

Stertil-Koni: The most



Superior technology

The hydraulic system is electronically controlled. This ensures that not only are all the column movements exactly the same, but the distribution of forces is also correct.

Other innovative characteristics include the programmable lifting height, the lighting and the foot protection.

Rapid lifting

With a lifting time of only 35 seconds for the ST4100 and 72 seconds for the ST4175 and ST4250 these powerful 4-post lifts are amongst the quickest in the world in their class.

Maximum safety

The Stertil-Koni ST4100, ST4175 and the ST4250 meet the most exacting safety requirements in the world. The CE (Europe) and ALI-ETL (USA) hallmark is standard.

Durability

The Stertil-Koni ST4100, ST4175 and the ST4250 have a long life and they are designed for intensive use, free of any problems. Stertil-Koni lifts are developed and tested for at least 50,000 lifting operations at maximum load.

Economic electricity consumption

Microprocessor controlled hydraulics and high efficiency electric motors give outstanding performance and have very low energy consumption.



innovative, 4-post vehicle lifts in the world



Very low drive-on height

The wide platforms have an extremely low drive-on height. This means that low ground clearance vehicles can also drive on easily. The approach ramps have a unique and ingenious design. They do not create an obstruction during work.



Adjustable platforms

The platforms of the ST4100, ST4175, and the ST 4250 can be reset on both sides. This considerably increases the working range of the lift.

Unique lifting height

Since the lifting height is 1.90 m, tall people can also work under the vehicle whilst standing upright. In this way back problems/injuries can be prevented.





Optimum accessibility

Because there are no crossbeams, the drive-on approach ramps are designed ingeniously and there are no obstacles below the platforms, there is optimum access to the vehicle. There is nothing to hinder, for example, the use of a wheel dolly. Moving parts and tools to and from the vehicle can be done easily. You can reach everything.



Carefully-planned operation (programmable)

The heavy 4-post lifts are simple to operate and to program by means of a clear operating panel. The vehicle lift can be operated from both the right-hand and left-hand sides (optional). Functions and system information are shown on an LCD display. The dead-man's handle operation guarantees safe lifting and lowering at all times.

Flexible positioning of the posts for width

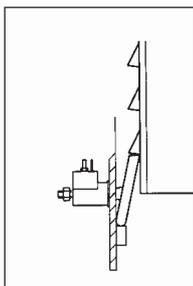
Because there are no crossbeams, the positioning of the posts for width is flexible and is thus ideal for adjustment to suit the vehicles to be serviced.

Patented Locking Unit

The patented mechanical locking unit works independently of the lifting system and it is always active. In the event of power failure the lift can be lowered manually.

Lifetime Guarantee

The patented synthetic runner system is self-lubricating and therefore maintenance free. It carries a lifetime guarantee.



ST4175/ST4250: Will lift from a light comme

A lifting capacity of 17.5 tonnes gives you a great deal of power. The absence of any crossbeams gives you a great deal of space. Platform lengths are available in 6, 8, 9, 10 or 11.5 metres to give you extreme flexibility. Added together, these powerful characteristics enable you to service a very wide range of vehicles. For lifting articulated buses, trucks with semi-trailers and articulated units, connected versions are available. The two vehicle lifts set up in-line can be used both synchronously or separately.



The ST4250 can be used for lifting all types of heavy vehicles as well as multi-axle vehicles.

With platform lengths varying from 6 to 11.5 metres and with coupled versions being available, the ST4175 is capable of lifting all types of articulated buses and coaches.



ST4100: Provides increased accessibility a

Anyone needing to be able to service a wide diversity of commercial vehicles, would be wise to choose the Stertil-Koni ST4100. Features include a powerful lifting capacity of 10 tonnes, platforms lengths of 4,5, 6 or 8 metres, coupled with the a low drive-on height. A generous lifting height of 1.87 metres, adjustable platforms and the absence of any crossbeams allows maximum accessibility for the operative. Whenever you need to change a gearbox on a light truck, the oil in a delivery van or have a part to repair on a forklift truck... you can easily reach all of it with a Stertil-Koni ST4100.



Commercial vehicle through to an articulated bus.



The ST4250 is also an excellent choice for vehicles with an uneven weight distribution, for example a truck and crane combination.



For lifting articulated buses, trucks with semi-trailers and articulated units, connected versions are available. The two vehicle lifts set up in-line can be used both synchronously or separately.

and flexibility

With its large lifting capacity and adjustable platforms, the ST4100 can lift a wide variety of vehicles.

From vans to light trucks... The ST4100 can lift anything, trouble-free, for years.



With the platforms being available in several lengths, vehicles with different wheelbases can be lifted.

Because there are no crossbeams, adjustments in width can be easily achieved. With varying platform lengths available this makes the ST4100 ideally suited for lifting fork-lift trucks.



S U P E R I O R

Accessories:

Axle supports

Available in 4, 6 and 10 tonne capacity.

11.5 tonne axle support

A unique axle support with an 11.5 tonne capacity. Spring castor ring wheels make it easy to position. Can be set very precisely using the spindle and spring. Each axle support is equipped as standard with 3 axle rest pieces.



Wheel dolly

For the rapid, safe and problem-free removal of wheels a wheel dolly is ideal. Also, for use with double wheels.



Wheel free lifts

This option is intended to make work on hubs, wheels and brakes easier. Runs on rollers and it is thus exceptionally simple to slide it under any position of the vehicle. Available in various versions.

Short approach ramps

For use with flush-mounted lifts.



Extra long approach ramps

Because of the minimal angle of slope, every vehicle can be driven easily onto the lift.



Waterproof lighting system

Fluorescent lighting in waterproof and impact resistant enclosures for optimum visibility under all circumstances. The lighting switches on automatically 50 cm above the floor when lifting, or switches off when lowering. Handy and safe.



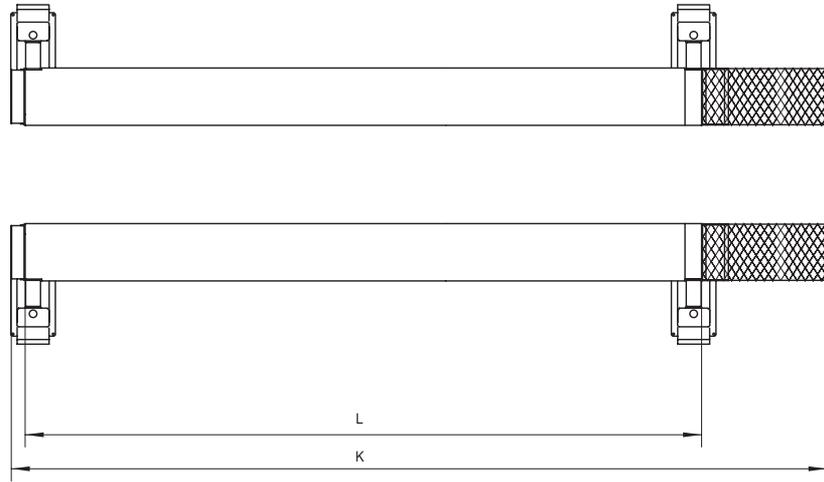
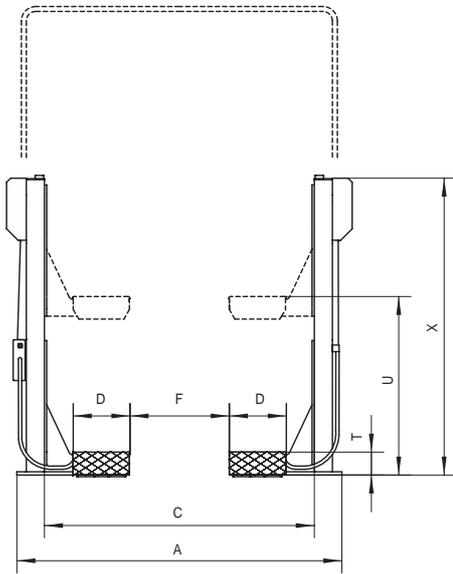
Two-sided operation

This allows you to operate, program and check the lift from both the left-hand and right-hand sides. This is an extra that, in practice, pays for itself many times over in ease of operation.



Third track

For lifting three-wheeled vehicles i.e. forklift trucks.



Specifications ST4100

Lifting capacity: 10.000 kg
 Lifting system: hydraulic
 Lifting height: 1.870 mm.
 Lifting time: 35 seconds
 Motor: 2 x 3,6 kW
 Weight: 2.500 kg (6m)

Type vehicle lift	K	L	A	C	D	F	T	U	X
ST4100 – 4,5M	5820	4680	3755*	3206*	600	1000/1300*	220	1870	3535
ST4100 – 6M	7320	6180	3755*	3206*	600	1000/1300*	220	1870	3535
ST4100 – 8M	9320	8180	3755*	3206*	600	1000/1300*	220	1870	3535

* Flexible measurements dependent on working width

Specifications ST4175

Lifting capacity: 17.500 kg
 Lifting system: hydraulic
 Lifting height: 1.900 mm.
 Lifting time: 72 seconds
 Motor: 4 x 2,2 kW
 Weight: 3.500 kg (9m)

Type vehicle lift	K	L	A	C	D	F	T	U	X
ST4175 – 6M	7470	6200	3865*	3235*	700	600/1200*	240	1900	3620
ST4175 – 8M	9370	8200	3865*	3235*	700	600/1200*	240	1900	3620
ST4175 – 9M	10470	9200	3865*	3235*	700	600/1200*	240	1900	3620
ST4175 – 10M	11720	10200	3865*	3235*	700	600/1200*	240	1900	3620
ST4175 – 11,5M	13220	11700	3865*	3235*	700	600/1200*	240	1900	3620

* Flexible measurements dependent on working width

Specifications ST4250

Lifting capacity: 25.000 kg
 Lifting system: hydraulic
 Lifting height: 1.900 mm.
 Lifting time: 72 seconds
 Motor: 4 x 2,2 kW
 Weight: 4.550 kg (9m)

Type vehicle lift	K	L	A	C	D	F	T	U	X
ST4250 – 6M	7770	6200	3950*	3225*	700	1000/1200*	280	1900	3620
ST4250 – 8M	9770	8200	3950*	3225*	700	1000/1200*	280	1900	3620
ST4250 – 9M	10770	9200	3950*	3225*	700	1000/1200*	280	1900	3620
ST4250 – 10M	12020	10200	3950*	3225*	700	1000/1200*	325	1900	3620
ST4250 – 11,5M	13520	11700	3950*	3225*	700	1000/1200*	325	1900	3620

* Flexible measurements dependent on working width

Safety

- CE & ALI-ETL approved
- Automatic overload protection
- Automatic activation of electromagnetic locking system (prevents undesirable lowering)
- Microprocessor-controlled tracking system
- Dead-man's operation
- Splash-proof electrical system (IP65)

More information?

For more or specific information about the ST4100, ST4175 and ST4250 or one of the other quality products from Stertil-Koni, please contact us for further assistance.



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